

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052143

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/13 G01J1/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B G01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 487 149 B1 (YOKOI KENYA ET AL) 26 November 2002 (2002-11-26) column 7, line 63 - column 8, line 14; figure 2	1
X	US 6 400 662 B1 (CHOI BYOUNG-HO ET AL) 4 June 2002 (2002-06-04) column 5, line 66 - column 6, line 12; figures 6a,6b	1
X	US 6 418 107 B1 (SANO KOUSEI ET AL) 9 July 2002 (2002-07-09) column 47, lines 4-17; figure 29	1
X	EP 0 478 222 A (SHARP KABUSHIKI KAISHA) 1 April 1992 (1992-04-01) column 4, lines 33-48; figure 5	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

6 April 2005

Date of mailing of the international search report

18/04/2005

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PCT/IB2004/052143

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 952 575 A (MITSUMI ELECTRIC CO., LTD; MITSUMI ELECTRIC COMPANY LTD) 27 October 1999 (1999-10-27) paragraphs '0081!, '0082!, '0161!; figure 9	1
A	----- EP 0 939 397 A (DEUTSCHE THOMSON-BRANDT GMBH) 1 September 1999 (1999-09-01) cited in the application the whole document -----	1-18

INTERNATIONAL SEARCH REPORT

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